

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074297.D
 Acq On : 02 Sep 2022 20:10
 Operator : JC\MD
 Sample : N4376-01DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-29DL

Quant Time: Sep 03 04:41:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

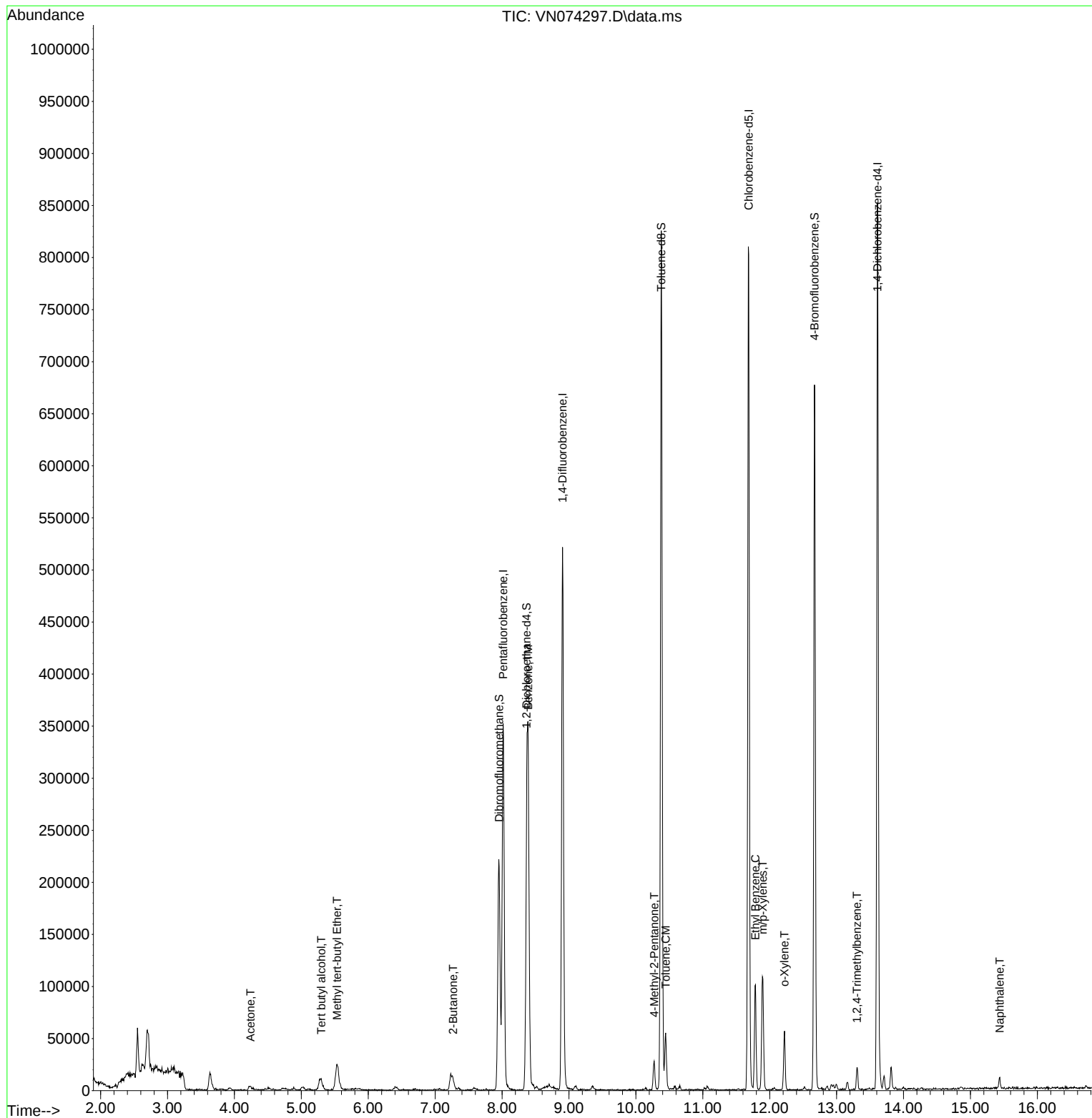
Internal Standards						
1) Pentafluorobenzene	8.016	168	254636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	450905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	440837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	203690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	178621	45.000	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.000%
35) Dibromofluoromethane	7.957	113	156281	52.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.600%
50) Toluene-d8	10.380	98	547058	46.432	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.860%
62) 4-Bromofluorobenzene	12.669	95	199756	46.542	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%
Target Compounds						Qvalue
11) Tert butyl alcohol	5.298	59	20384	28.306	ug/l	95
16) Acetone	4.240	43	8049	4.852	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	38844	3.910	ug/l #	89
25) 2-Butanone	7.269	43	13128	4.686	ug/l	91
40) Benzene	8.392	78	237504	17.753	ug/l	94
51) 4-Methyl-2-Pentanone	10.275	43	19154	3.397	ug/l	91
52) Toluene	10.445	92	20354	2.462	ug/l	94
67) Ethyl Benzene	11.786	91	71940	4.050	ug/l	98
68) m/p-Xylenes	11.898	106	35511	5.355	ug/l	100
69) o-Xylene	12.222	106	13872	2.096	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	12015	0.829	ug/l	100
95) Naphthalene	15.439	128	8443	1.327	ug/l	95

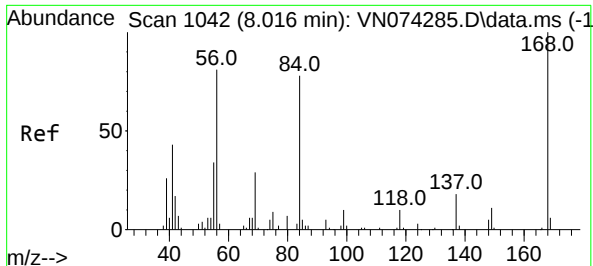
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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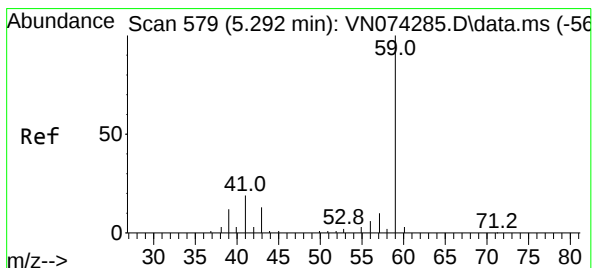
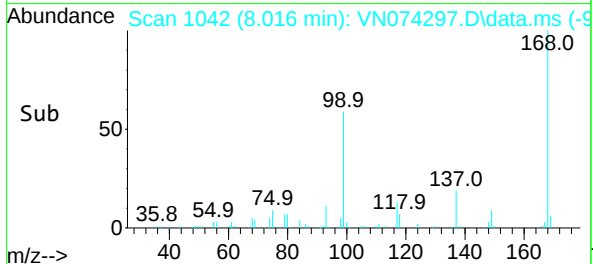
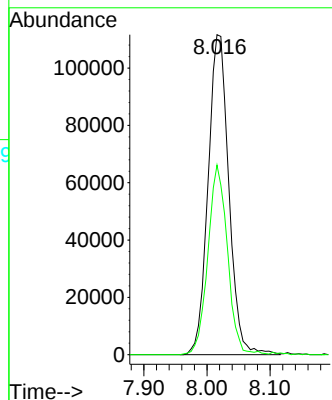
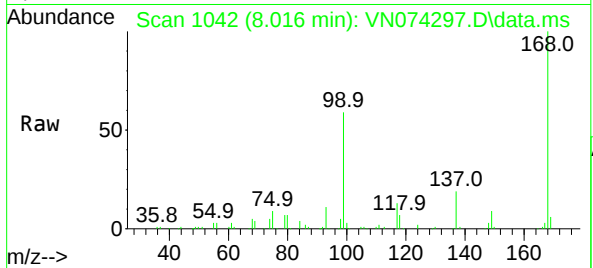




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

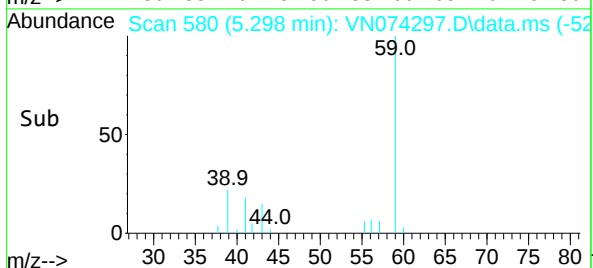
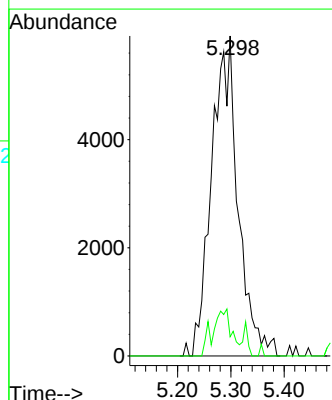
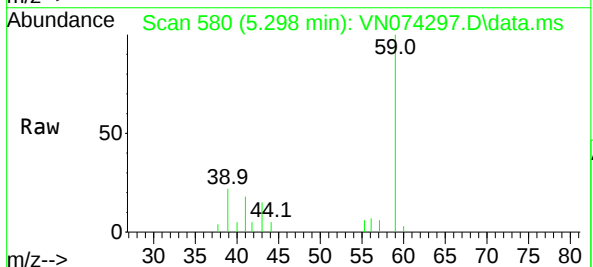
Instrument :
MSVOA_N
ClientSampleId :
MW-29DL

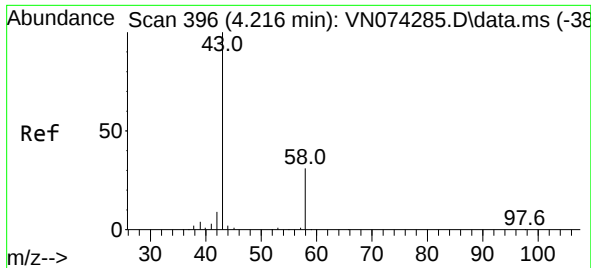
Tgt Ion:168 Resp: 254636
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 28.306 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.011 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

Tgt Ion: 59 Resp: 20384
Ion Ratio Lower Upper
59 100
57 8.6 8.3 12.5





#16

Acetone

Concen: 4.852 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN074297.D

Acq: 02 Sep 2022 20:10

Instrument :

MSVOA_N

ClientSampleId :

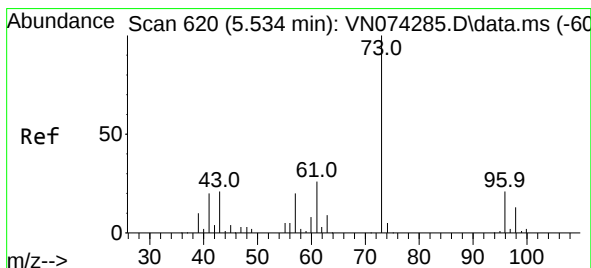
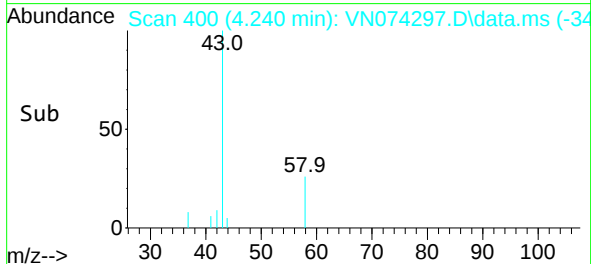
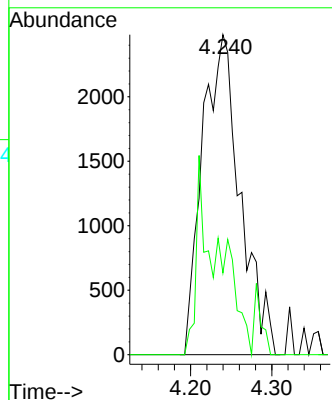
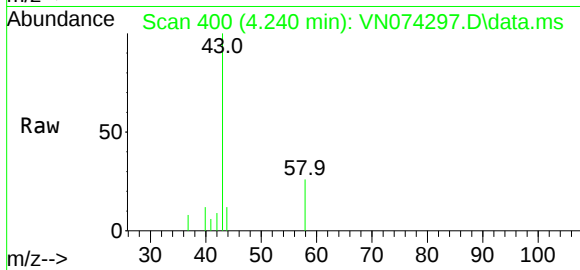
MW-29DL

Tgt Ion: 43 Resp: 8049

Ion Ratio Lower Upper

43 100

58 25.5 26.0 39.0#



#19

Methyl tert-butyl Ether

Concen: 3.910 ug/l

RT: 5.534 min Scan# 620

Delta R.T. -0.000 min

Lab File: VN074297.D

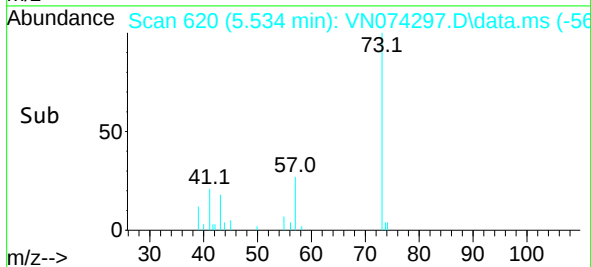
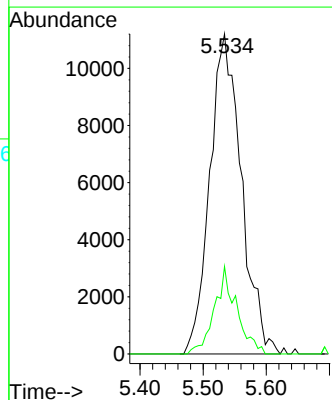
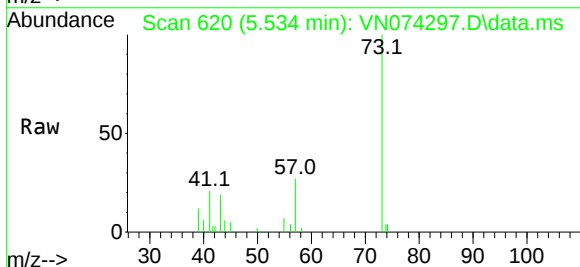
Acq: 02 Sep 2022 20:10

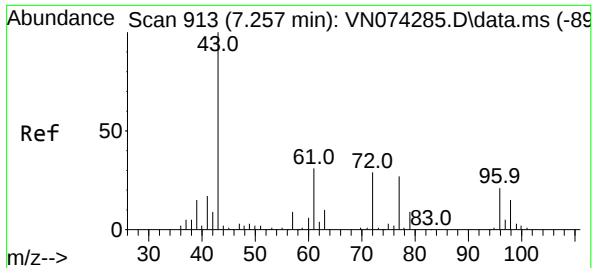
Tgt Ion: 73 Resp: 38844

Ion Ratio Lower Upper

73 100

57 27.4 17.6 26.4#

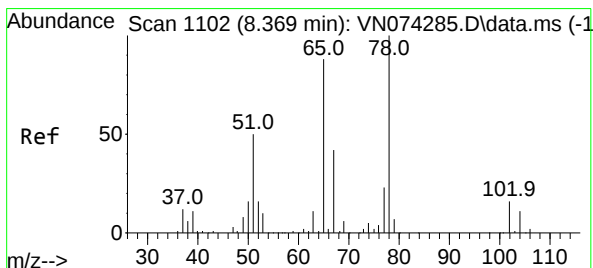
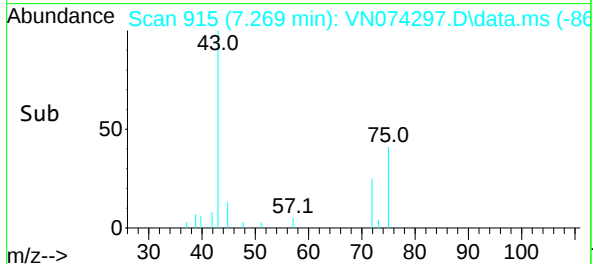
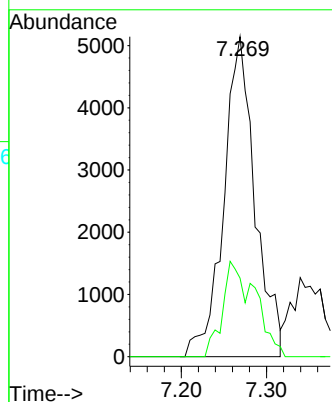
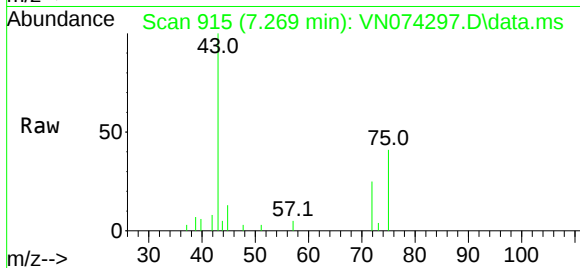




#25
2-Butanone
Concen: 4.686 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

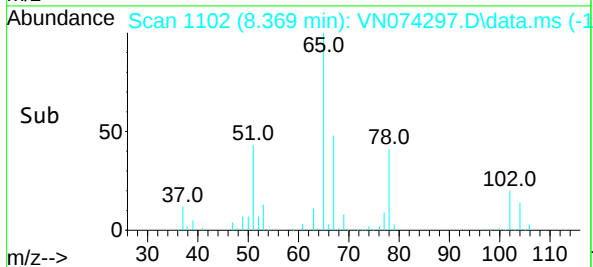
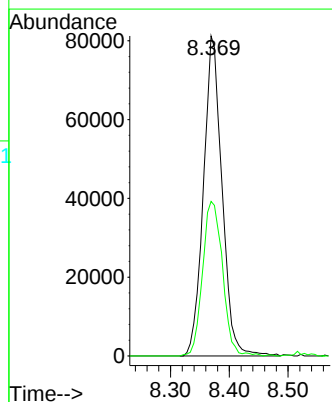
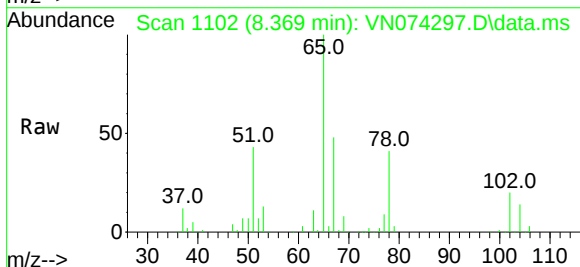
Instrument :
MSVOA_N
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MW-29DL

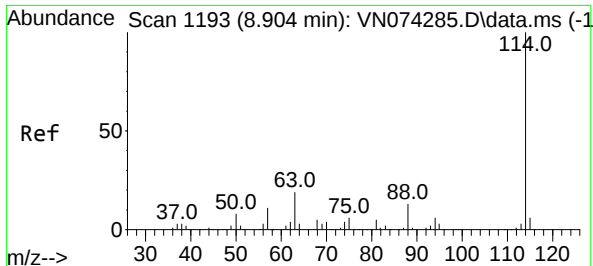
Tgt Ion: 43 Resp: 13128
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 45.000 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

Tgt Ion: 65 Resp: 178621
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074297.D

Acq: 02 Sep 2022 20:10

Instrument :

MSVOA_N

ClientSampleId :

MW-29DL

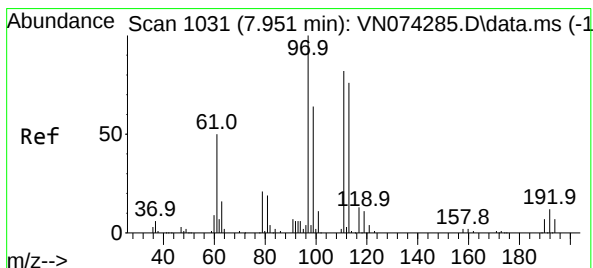
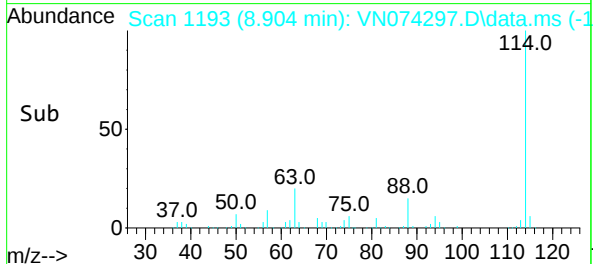
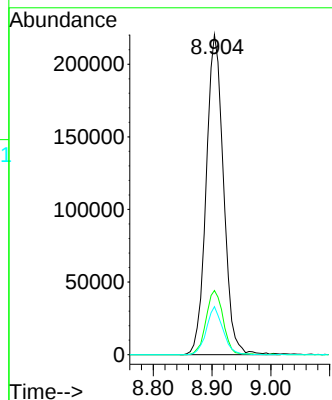
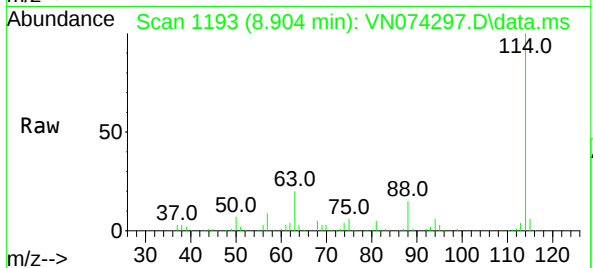
Tgt Ion:114 Resp: 450905

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.304 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074297.D

Acq: 02 Sep 2022 20:10

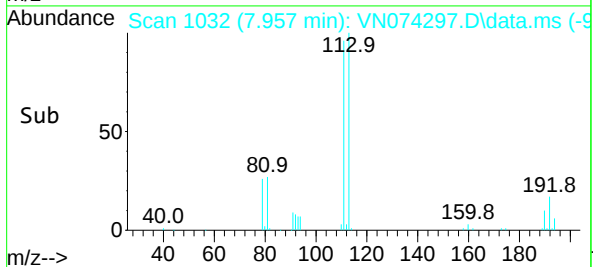
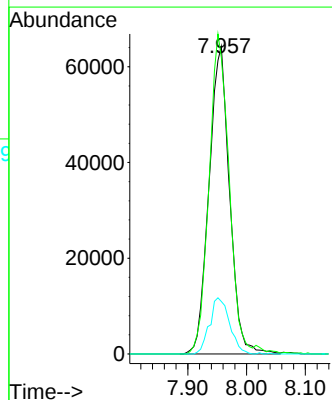
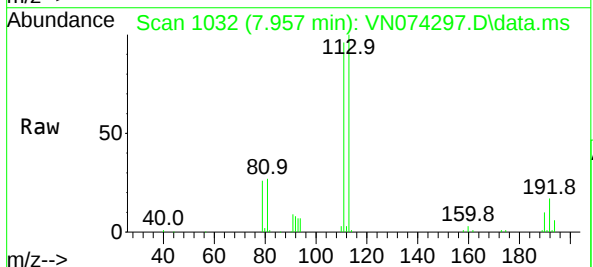
Tgt Ion:113 Resp: 156281

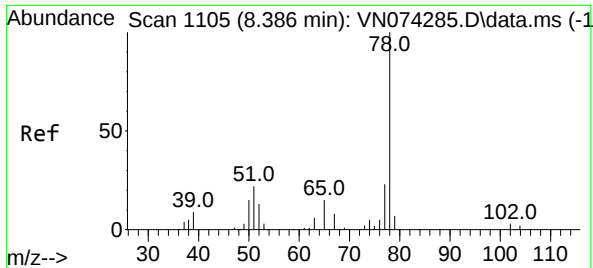
Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 17.8 17.0 25.6

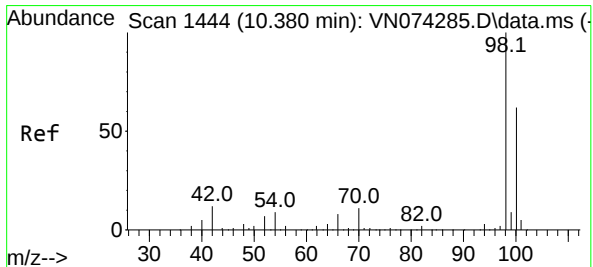
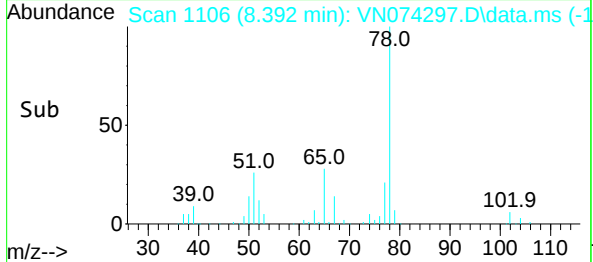
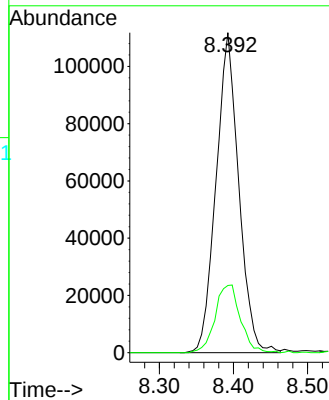
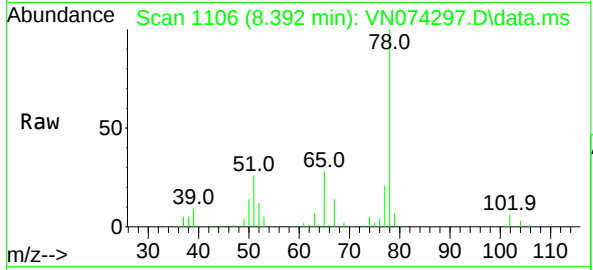




#40
Benzene
Concen: 17.753 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

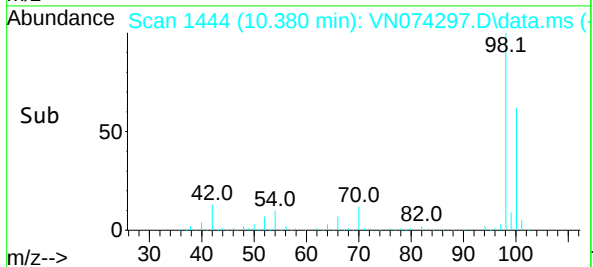
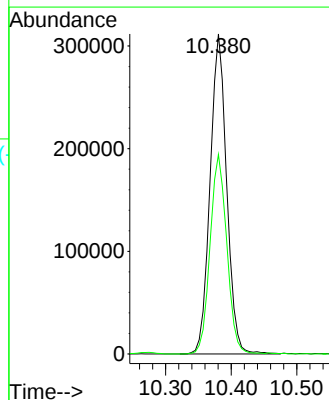
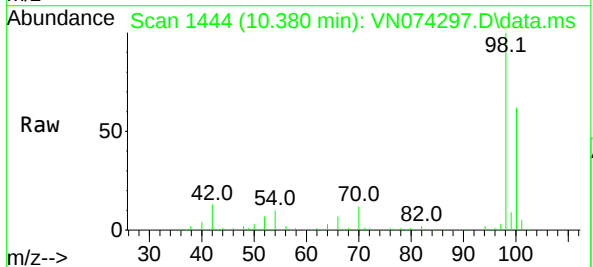
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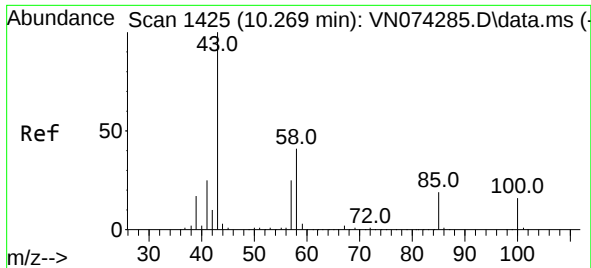
Tgt Ion: 78 Resp: 237504
Ion Ratio Lower Upper
78 100
77 21.0 19.4 29.0



#50
Toluene-d8
Concen: 46.432 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

Tgt Ion: 98 Resp: 547058
Ion Ratio Lower Upper
98 100
100 62.9 52.6 78.8

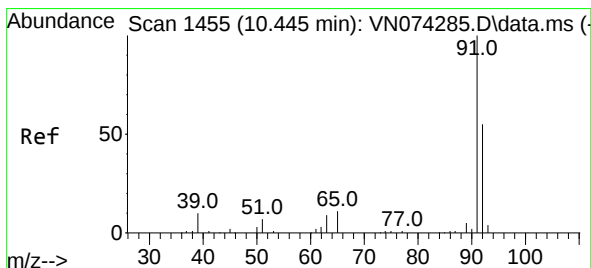
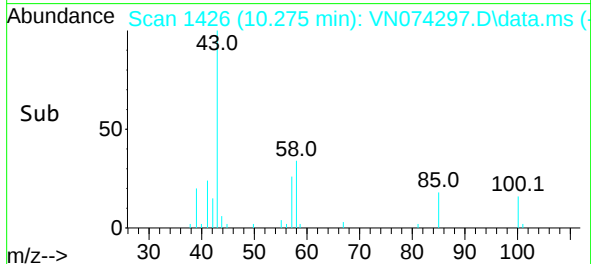
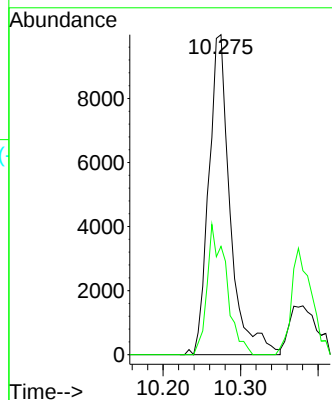
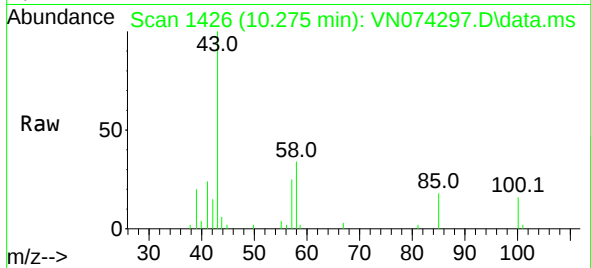




#51
4-Methyl-2-Pentanone
Concen: 3.397 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

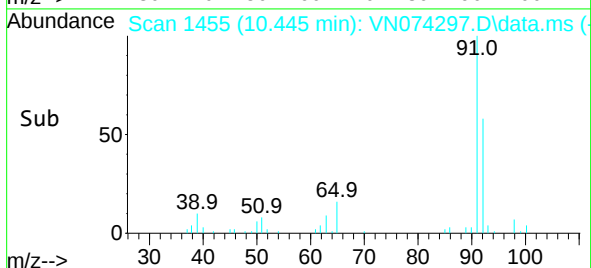
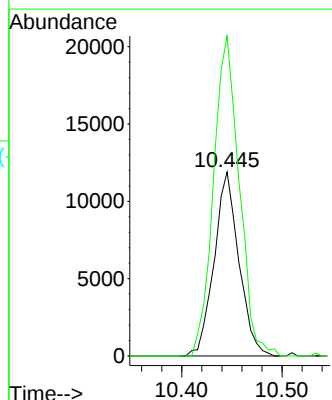
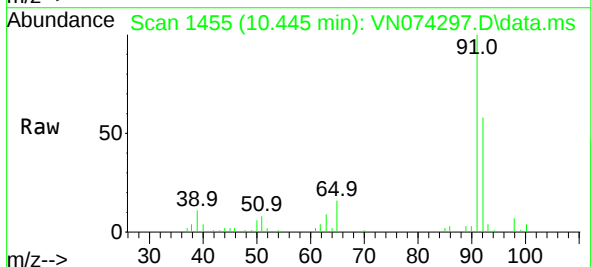
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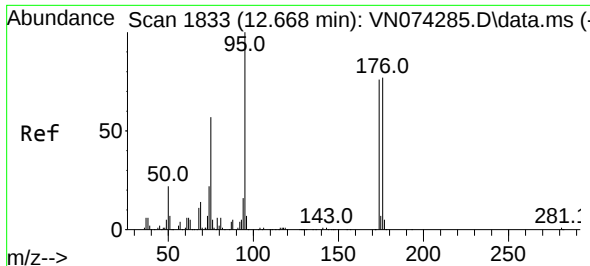
Tgt Ion: 43 Resp: 19154
Ion Ratio Lower Upper
43 100
58 36.8 34.1 51.1



#52
Toluene
Concen: 2.462 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

Tgt Ion: 92 Resp: 20354
Ion Ratio Lower Upper
92 100
91 181.2 138.6 207.8

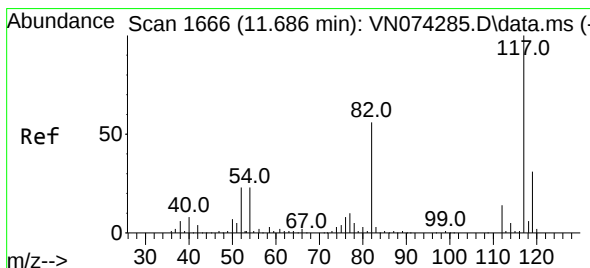
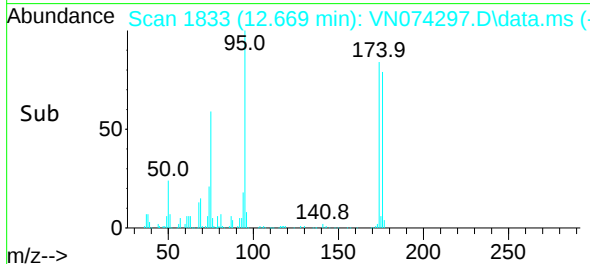
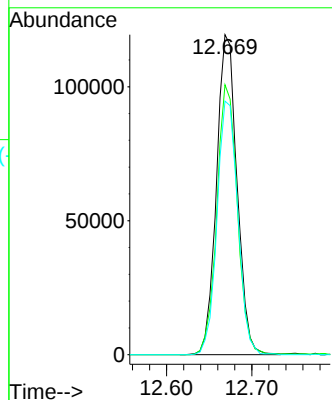
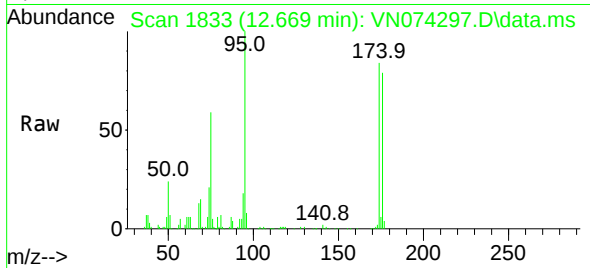




#62
4-Bromofluorobenzene
Concen: 46.542 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

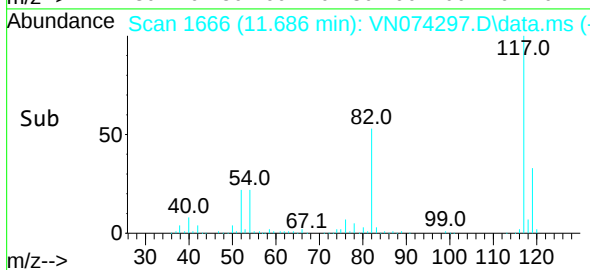
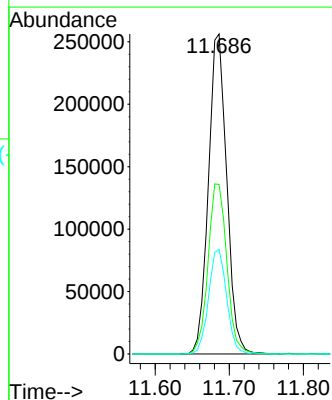
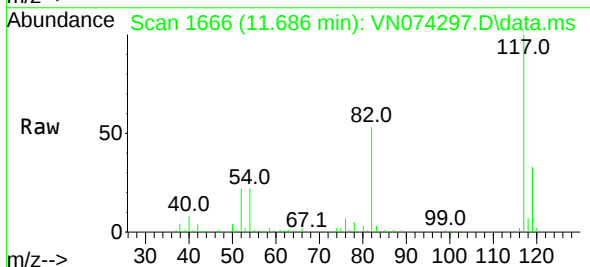
Instrument :
MSVOA_N
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MW-29DL

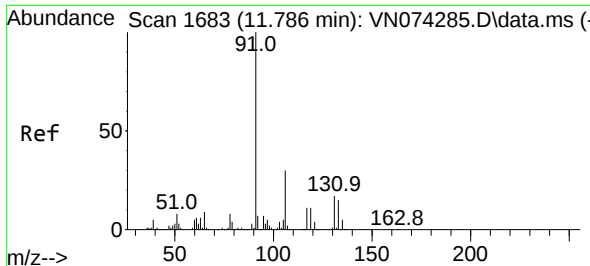
Tgt Ion: 95 Resp: 199756
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 80.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

Tgt Ion: 117 Resp: 440837
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.6 25.4 38.0

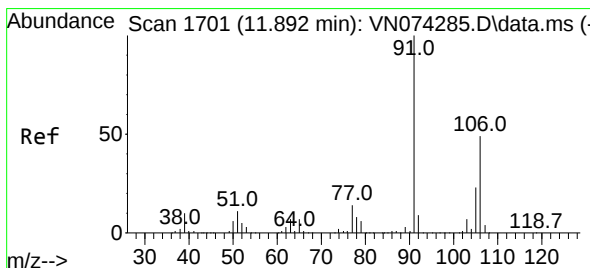
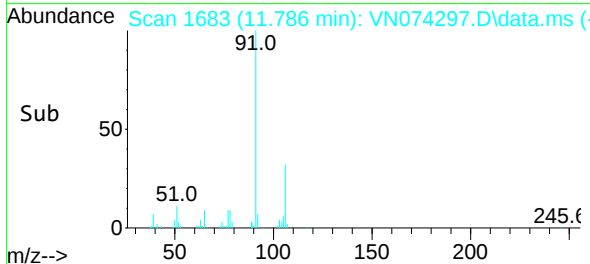
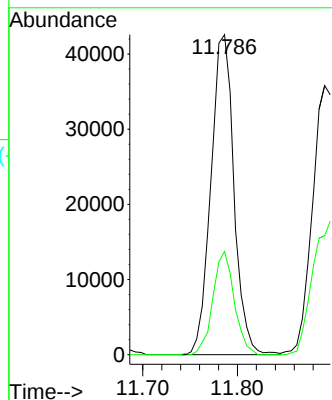
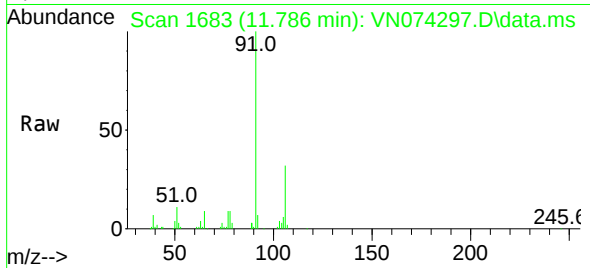




#67
Ethyl Benzene
Concen: 4.050 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

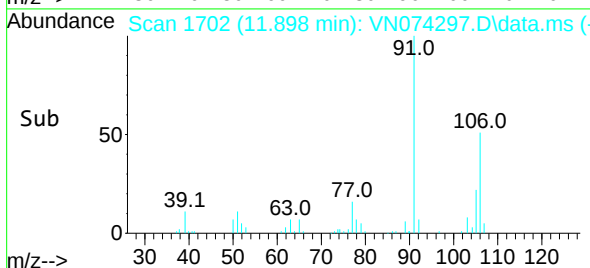
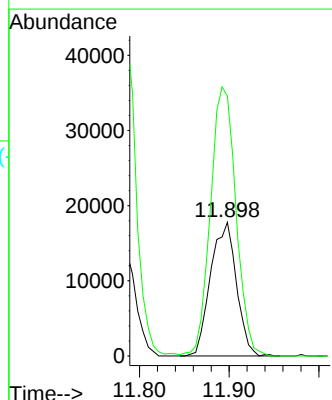
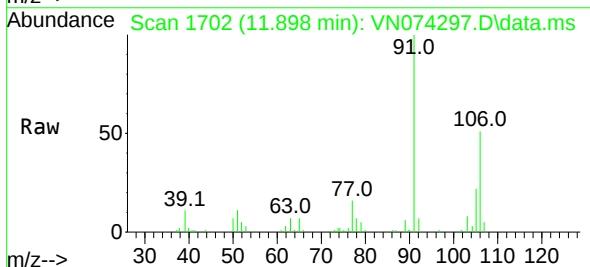
Instrument :
MSVOA_N
ClientSampleId :
MW-29DL

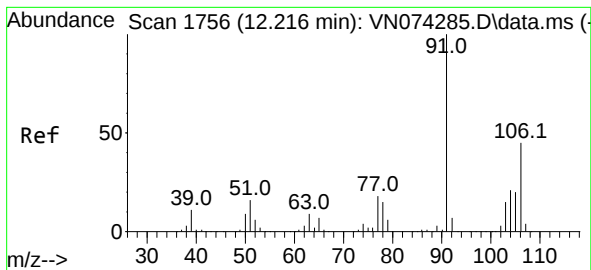
Tgt Ion: 91 Resp: 71940
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 5.355 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

Tgt Ion: 106 Resp: 35511
Ion Ratio Lower Upper
106 100
91 199.0 158.9 238.3





#69

o-Xylene

Concen: 2.096 ug/l

RT: 12.222 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN074297.D

Acq: 02 Sep 2022 20:10

Instrument :

MSVOA_N

ClientSampleId :

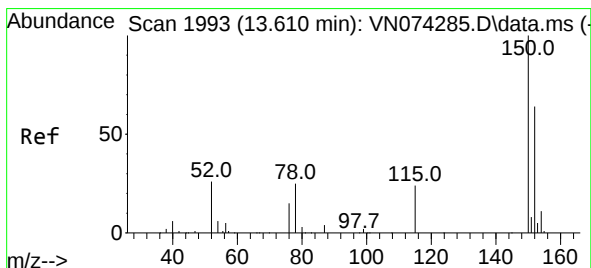
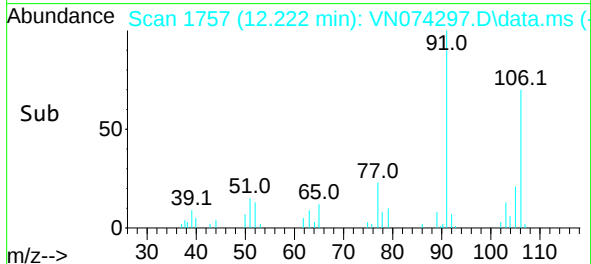
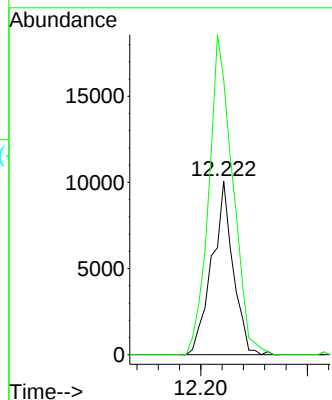
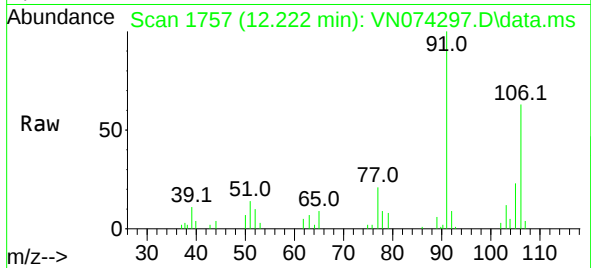
MW-29DL

Tgt Ion:106 Resp: 13872

Ion Ratio Lower Upper

106 100

91 208.9 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN074297.D

Acq: 02 Sep 2022 20:10

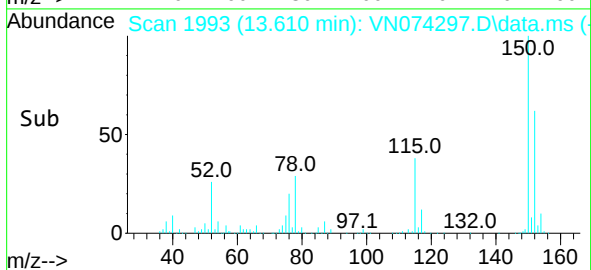
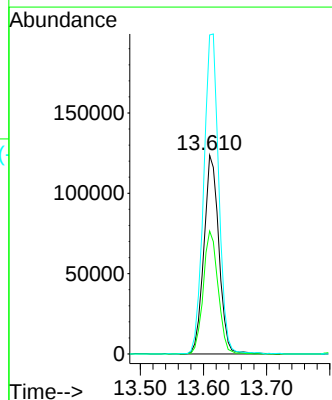
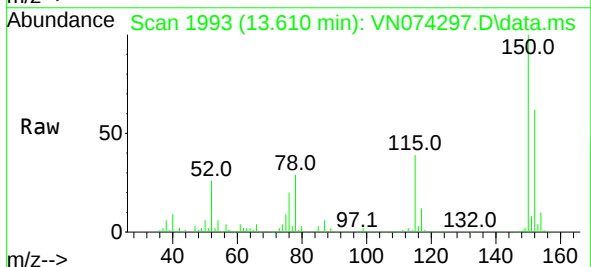
Tgt Ion:152 Resp: 203690

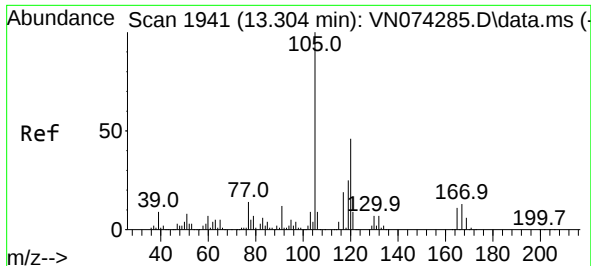
Ion Ratio Lower Upper

152 100

115 60.9 28.9 86.7

150 161.7 0.0 356.2

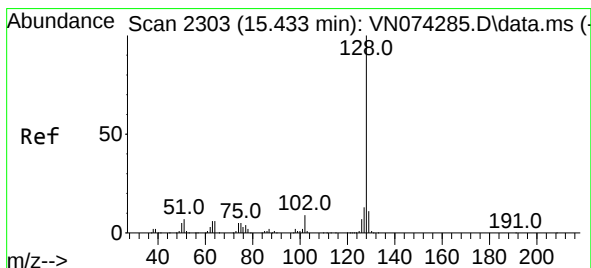
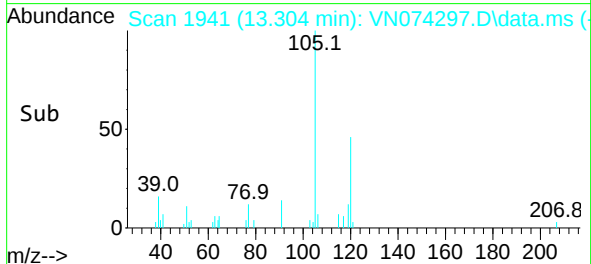
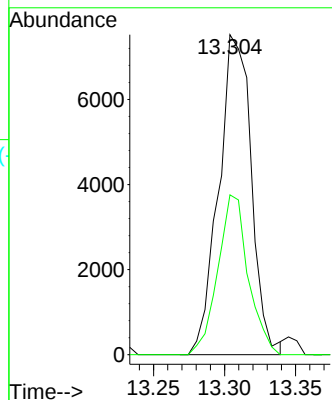
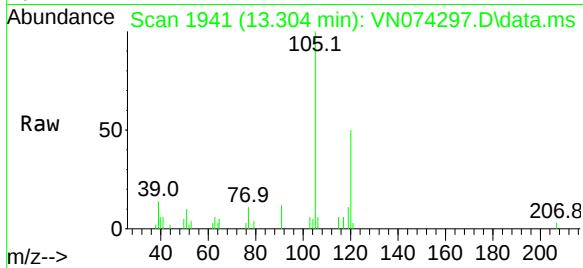




#84
1,2,4-Trimethylbenzene
Concen: 0.829 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

Instrument :
MSVOA_N
ClientSampleId :
MW-29DL

Tgt Ion:105 Resp: 12015
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8



#95
Naphthalene
Concen: 1.327 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN074297.D
Acq: 02 Sep 2022 20:10

Tgt Ion:128 Resp: 8443
Ion Ratio Lower Upper
128 100
127 11.0 10.3 15.5
129 8.9 8.6 13.0

